IN THE CLAIMS:

1-53. (cancelled)

54. (new) A method for conversion of an input document data stream that corresponds to one of many possible input data formats into an output document data stream that corresponds to one of many possible output data formats, comprising the steps of:

converting the input document data stream into internal data which corresponds to an internal data format, and adding as needed document formatting information to said internal data that establishes how a content of said internal data is represented in the output data format;

said internal data comprising formatted data that contain format specifications and raw data that contain no format specifications for format-adapted and speed-optimized processing of the input document data stream;

said additions of said document formatting information being controlled by a document template, the document template being formed in a first preparatory design phase using a design dataset, and said converting of the input document data stream into the internal data occurring via rules that are based on said design dataset, and also with said design dataset associating types per field in said first preparatory design phase, whereby formatting instructions of said document formatting information are associated with a first type group and no such document formatting instructions are associated with a second type group, and whereby in a second processing phase all datasets of the input document data stream are examined by type, and data that are associated with the first type group are additionally formatted and data that are associated with the second type group receive no additional formatting; and

converting the data into the output data format.

55. The method according to claim 54 wherein for the forming of the document template, said design dataset is formed from the input document data stream and/or from input data-specific auxiliary files.

56. (new) The method according to claim 54 wherein the formatted data are added to the raw data by means of predetermined rules and said output data stream has a predetermined format and is formed from the formatted data of the internal data format.

57. (new) The method according to claim 54 wherein the document template is generated using free programmed static or dynamic elements.

58. (new) The method according to claim 54 wherein a freely definable rule file is formed in said design phase, mapping rules of said rule file being automatically derived or derived such that they are freely editable from the design dataset, from the input document data, or from other rules from auxiliary files.

59. (new) The method according to claim 54 wherein said formatted data are converted into a device-specific output data format.

60. (new) The method according to claim 54 wherein a normalized data stream or a formatted data stream are device-specifically optimized.

61. (new) The method according to claim 60 wherein the input data format, the output data format, or the document formatting information to be added are selectable.

62. (new) The method according to claim 54 wherein the raw data are used multiple times in components in the second processing phase.

63. (new) The method according to claim 61 wherein the components comprise graphical elements or indexing information.

64. (new) The method according to claim 54 wherein the document formatting information comprises paper reproduction information.

65. (new) The method according to claim 54 wherein the document formatting information comprises print pre- or post-processing information.

66. (new) The method according to claim 54 wherein the input document data stream comprises an SAP/RDI data stream, a line data data stream, or a metacode data stream.

67. (new) The method according to claim 54 wherein the output document data stream comprises an Advanced Function Presentation data stream in which a first group of formatting information is provided via a pagedef file and a second group of formatting information is contained in the input document data stream or in a normalized raw data stream.

68. (new) The method according to claim 54 wherein activation signals for a display medium or a computer comprising a display medium are formed from a normalized output document data stream.

69. (new) A computer-readable medium comprising a computer program for conversion of an input document data stream that corresponds to one of many possible input data formats into an output document data stream that corresponds to one of many possible output data formats, said program performing the steps of:

converting the input document data stream into an internal data which corresponds to an internal data format, and adding as needed document formatting information to said internal data that establishes how a content of said internal data is represented in the output data format;

said internal data format comprising formatted data that contain format specifications and raw data that contain no format specifications for format-adapted and speed-optimized processing of the input document data stream;

said additions of said document formatting information being controlled by a document template, the document template being formed in a first preparatory design phase using a design dataset, and said converting of the input document data stream into the internal data format occurring via rules that are based on said design dataset, and also with said design dataset associating types per field in said first preparatory design phase, whereby formatting instructions of said document formatting information are associated with a first type group and no such document formatting instructions are associated with a second type group, and whereby in a second processing phase all datasets of the input document data stream are examined by type, and data that are associated with the first type group are additionally formatted and data that are associated with the second type group receive no additional formatting; and

converting the data into the output data format.

70. (new) A system for conversion of an input document data stream that corresponds to one of many possible input data formats into an output document data stream that corresponds to one of many possible output data formats, comprising the steps of:

a first converter which converts the input document data stream into an internal data format, and which adds as needed document formatting information to said internal data that establishes how a content of said internal data is represented in the output data format;

said internal data format comprising formatted data that contain format specifications and raw data that contain no format specifications for format-adapted and speed-optimized processing of the input document data stream;

said additions of said document formatting information being controlled by a document template, the document template being formed in a first preparatory design phase using a design dataset, and said converting of the input document data stream into the internal data format occurring via rules that are based on said design dataset, and also with said design dataset associating types per field in said first preparatory design phase, whereby formatting instructions of said document formatting information are associated with a first type group and no such document formatting instructions are associated with a second type group, and whereby in a second processing phase all datasets of the input document data stream are examined by type, and data that are associated with the first type group are additionally formatted and data that are associated with the second type group receive no additional formatting; and

a second converter which converts the data into the output data format.

71. (new) The system of claim 70 comprising a data processing system.

72. (new) The system of claim 70 comprising a data processing printing system.